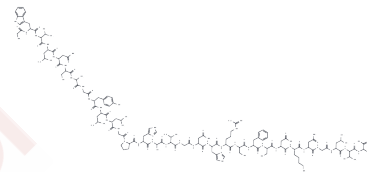


Galanin (1-30), human

Chemical Properties

CAS No. :	119418-04-1
Formula:	C139H210N42O43
Molecular Weight:	3157.46
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Galanin (1-30), human, is a 30-amino acid neuropeptide that acts as an agonist of GalR1 and GalR2 receptors with Kis of 1 nM for both. This endogenous peptide exhibits multiple endocrine, metabolic, and behavioral effects, influencing intestinal smooth muscle, insulin and somatostatin release, and synaptic neurotransmission.
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3167 mL	1.5836 mL	3.1671 mL
5 mM	0.0633 mL	0.3167 mL	0.6334 mL
10 mM	0.0317 mL	0.1584 mL	0.3167 mL
50 mM	0.0063 mL	0.0317 mL	0.0633 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Hua XY, et al. Galanin acts at GalR1 receptors in spinal antinociception: synergy with morphine and AP-5. J Pharmacol Exp Ther. 2004 Feb;308(2):574-82.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481